

# RECLAMATION

*Managing Water in the West*

**MT DROUGHT ADVISORY COMMITTEE MEETING**

**RESERVOIR AND RIVER OPERATIONS**

**May 21, 2008**



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# RECLAMATION

## *Managing Water in the West*

### Summary of Reservoir Conditions

May 20, 2008  
May-July Forecast  
1,000 Acre-Feet

RESERVOIR NAME	CONTENT KAF	% OF AVG	SNOW WATER CONTENT	% OF AVG	MAY-JUL KAF FORECAST	% OF AVG
Clark Canyon	120,750	74	8.7	93	72	79
Canyon Ferry	1,530,145	97	14.2	114	1,685.1	100
Gibson	57,022	78	4.3	75	415	99
Lake Elwell	685,595	90	14.1	110	430.8	124
Lake Sherburne	11,005	43	23.7	110	100.9	117
Fresno Reservoir	45,112	67	N.A.	N.A.	30	71
Bighorn Lake	810,500	95	11.3	106	786.6	83



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### Lima Reservoir

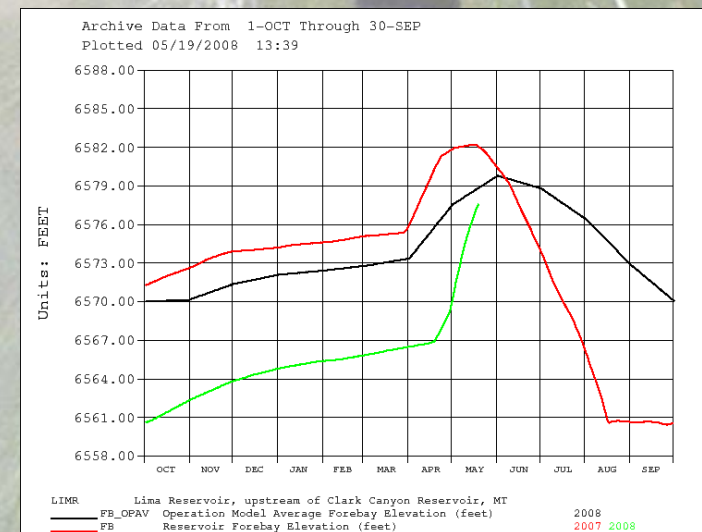
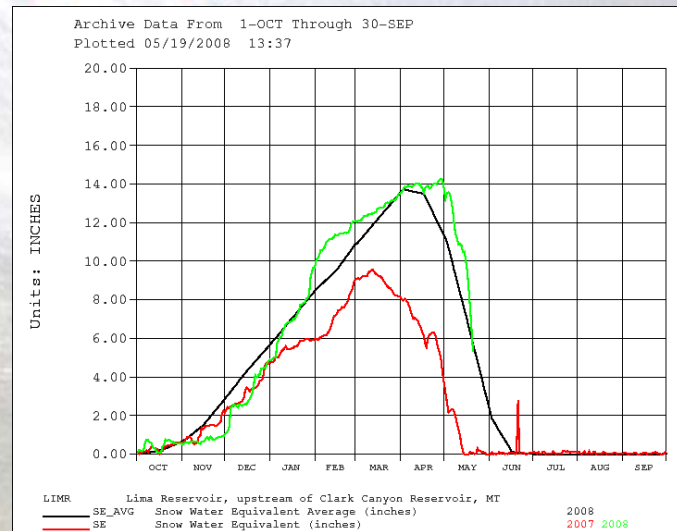
Inflows to Lima are near average

Snowpack @ 72% of average

Storage @ 90% of average & 67% full

Releases are being maintained @ about 75 cfs

Water supply outlook is expected to be similar to that experienced last year and water users are expected to receive a full water supply out of Lima in 2008



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### Clark Canyon Reservoir

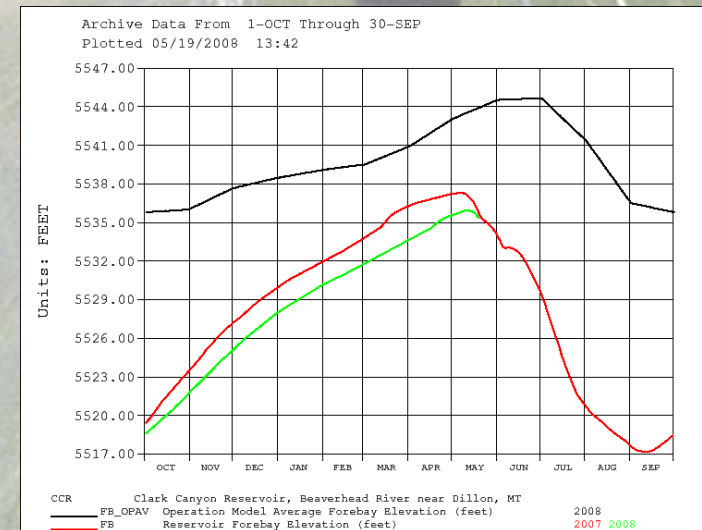
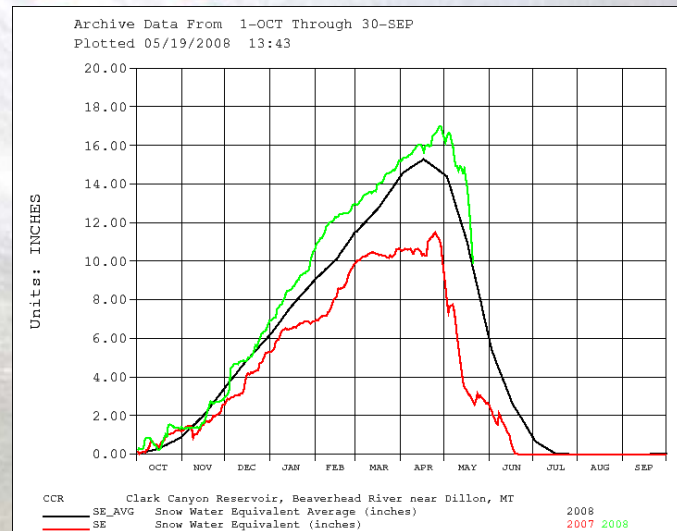
Inflows to Clark Canyon are 45% of average

Snowpack @ 93% of average

Storage @ 122,700 af, 74% of average, 69% full, and 0.59 ft or 2,574 af less than last year

Releases are @ 565 cfs

Water supply outlook is expected to be similar to last year and EBID & CCWSC are expected to receive near full water supplies in 2008



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### Hebgen Reservoir (PPL-MT)

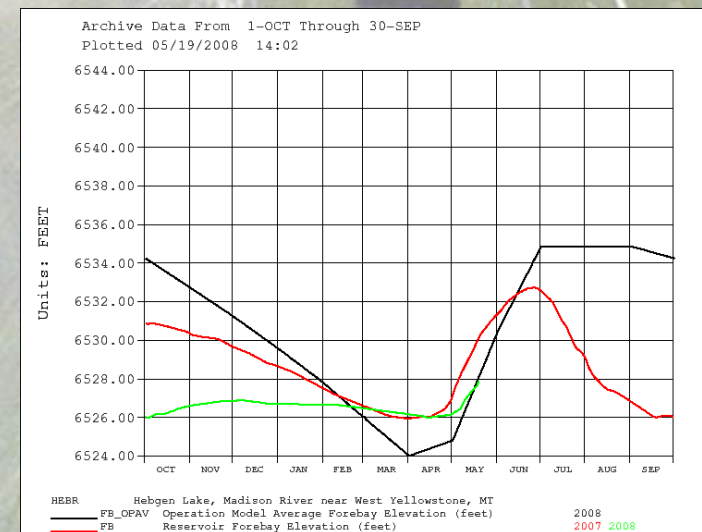
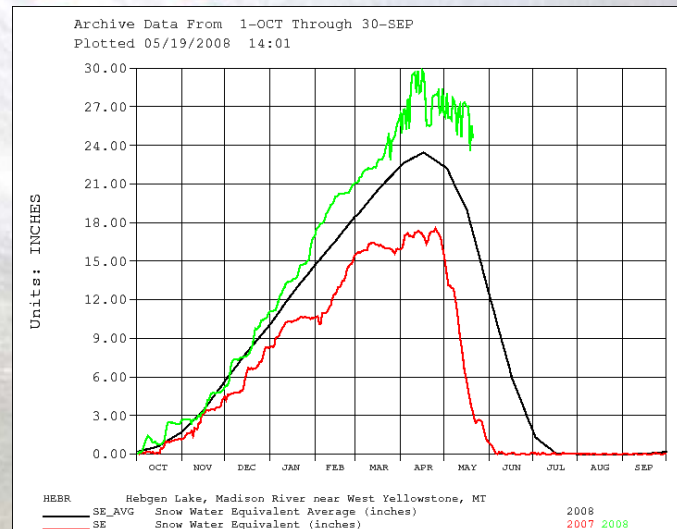
Currently releasing 970 cfs to  
Madison River

Snowpack @ 139% of average

Storage @ 101% of average &  
80% full

Reservoir is currently at  
elevation at 6528.7 & slowly  
filling as the snowmelt runoff  
increases

Water supply outlook is good



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### Canyon Ferry Reservoir

Snowpack @ 114% of average

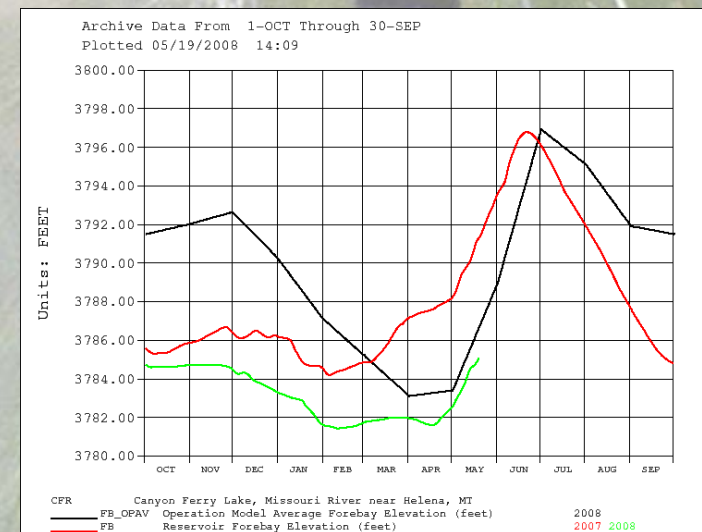
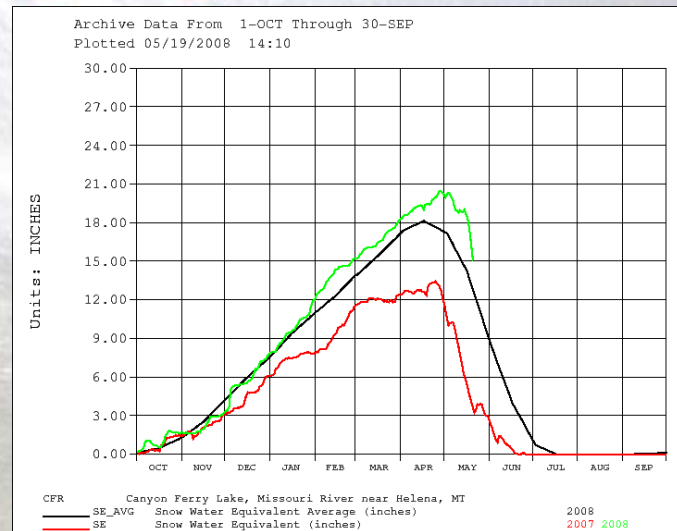
Storage @ 97% of average, 81% full, & 5.8 ft lower than last year

Releases are being gradually increased to about 5,700 cfs below Holter Dam

Expect storage to fill to normal full pool by end of June

Releases may be increased to full capacity of 5,800 cfs and higher to control the rate of fill later in May

Water supply outlook is good



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### Gibson Reservoir

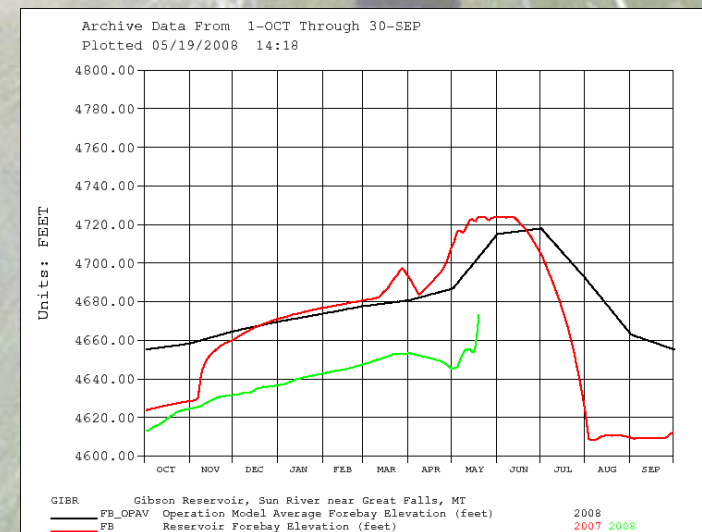
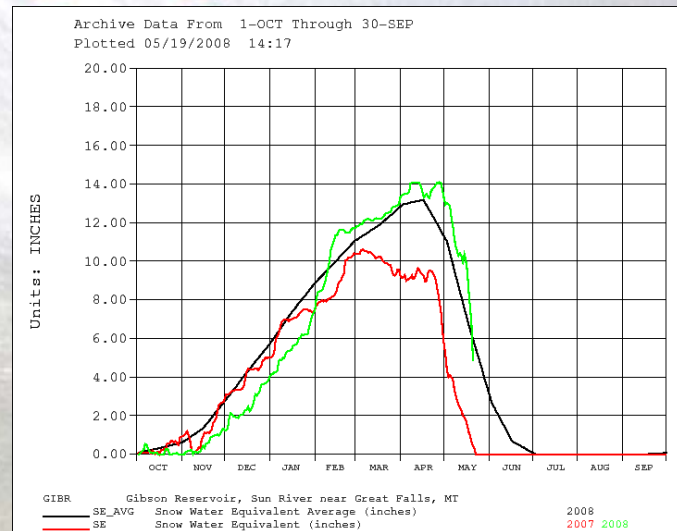
**Snowpack @ 75% of average**

**Storage @ 78% of average, 59% full, and 33.6 ft or 39,400 af lower than last year**

**Storages in Willow Creek & Pishkun Reservoirs are 114% & 103% of average for this time of year**

**Releasing 1600 cfs to the Sun River**

**Expect to fill Gibson this spring and water users are expected to receive full water supplies**



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### Tiber Reservoir

Inflows are about 150% of average

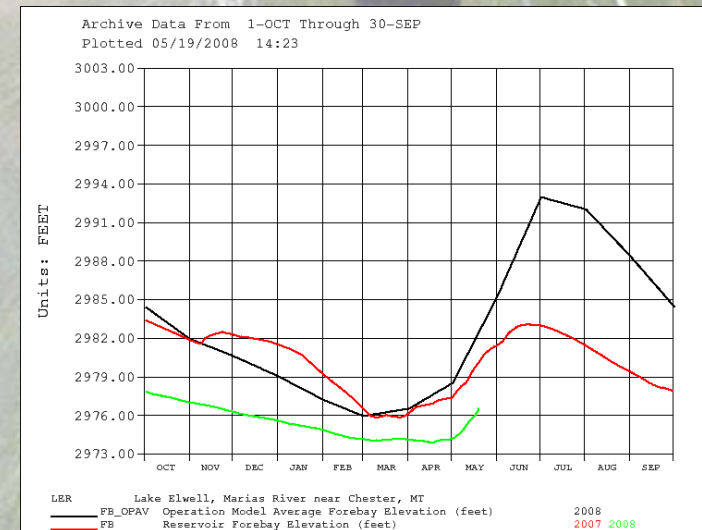
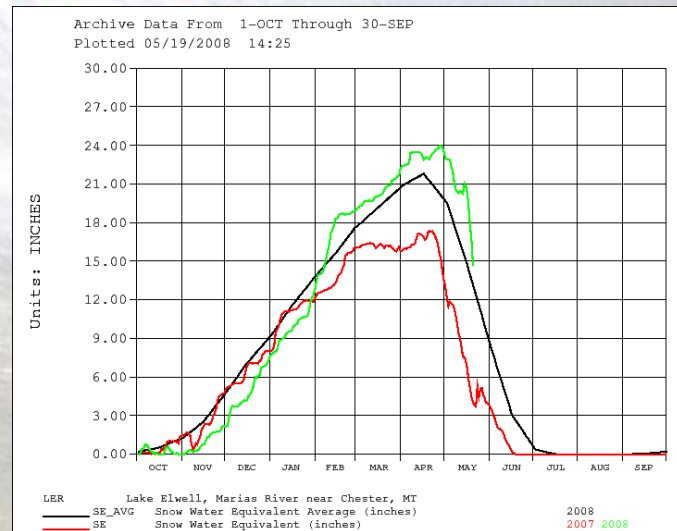
Snowpack @ 110% of average

Storage @ 90% of average, 74% full  
and 2.9 ft lower than last year

Plans are to continue releasing a  
minimum flow of 400 cfs until the  
reservoir fills

Expect to fill Tiber to the top of the  
normal full pool in June

Water supply outlook is good



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### Lake Sherburne

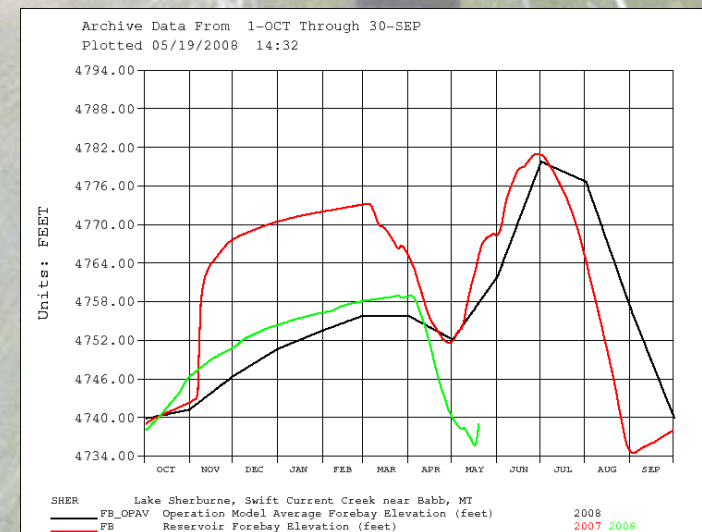
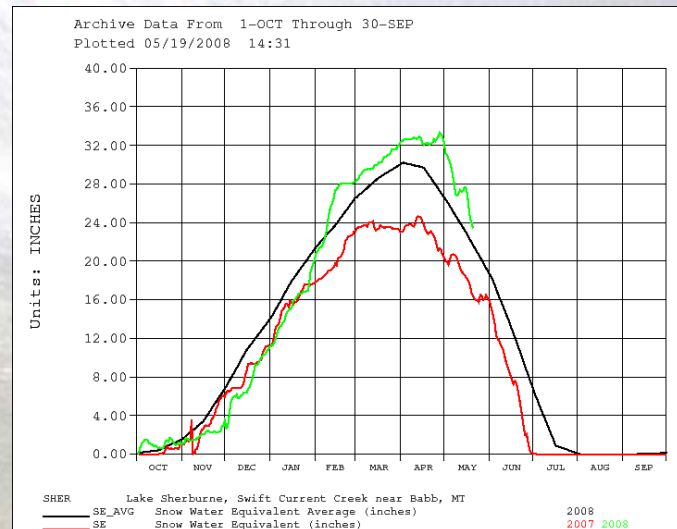
Inflows are about 230% of average

Snowpack @ 110% of average

Storage @ 43 percent of average,  
17% full, and 26 feet or 25,200 af  
lower than last year

Releases from Lake Sherburne are  
600 cfs and we are currently  
diverting water from St. Mary River  
Basin to Milk River @ rate of 650 cfs

With lack of precipitation, water  
users on the Milk River Project may  
experience water shortages



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### Fresno Reservoir

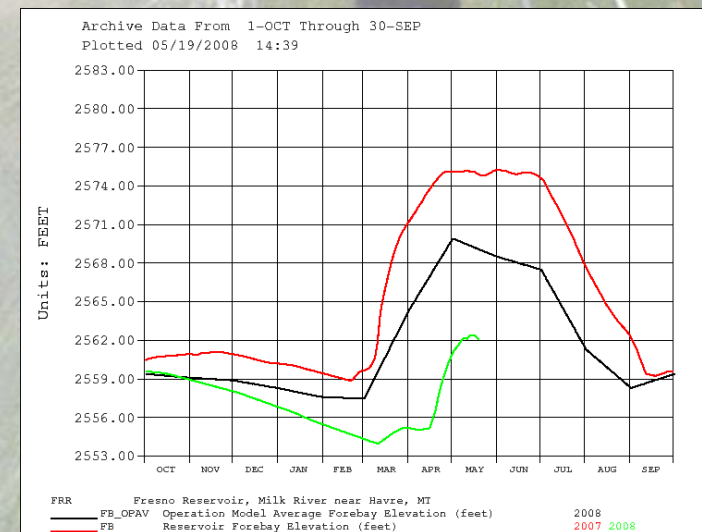
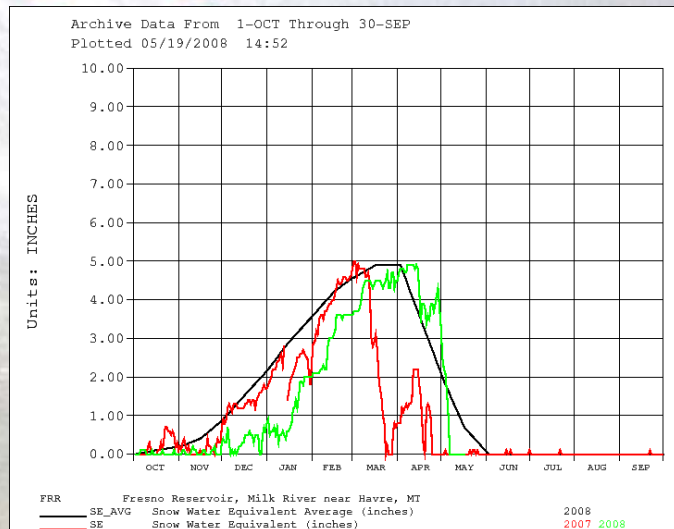
Currently diverting 650 cfs from St. Mary Basin to Milk River

Storage @ 67% of average, 49% full, and 13.3 ft or 47,100 af lower than last year

Currently releasing 930 cfs to the Milk River.

Storage is expected to the top of the normal full pool @elevation 2575 in late May

With lack of precipitation, water users on the Milk River Project may experience water shortages



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### Bighorn Lake (Yellowtail Reservoir)

Inflow @ about average

Snowpack @ 106% of average

Storage @ 95% of average, 76% full,  
and 11 feet lower than last year

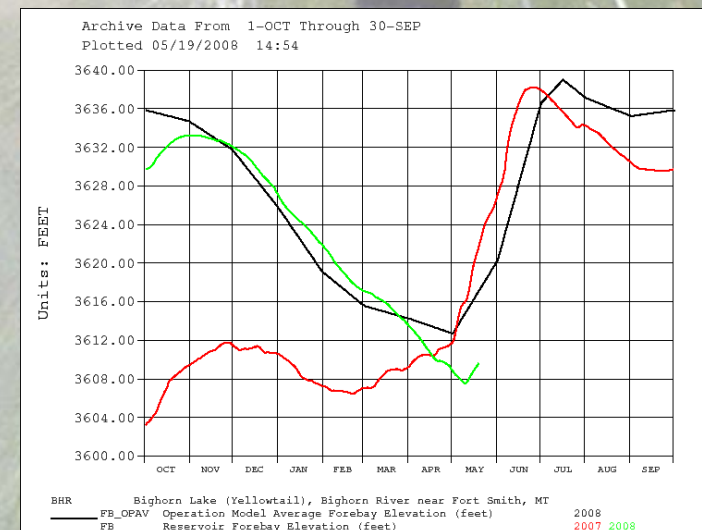
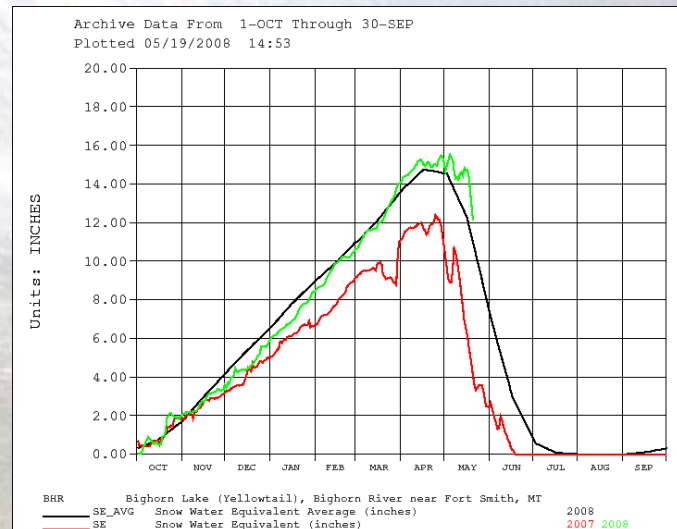
Releasing 1,500 cfs to Bighorn River

Water supply outlook is good

Expect to fill Bighorn Lake this  
spring and maintain a release of  
2,000 cfs or higher all year



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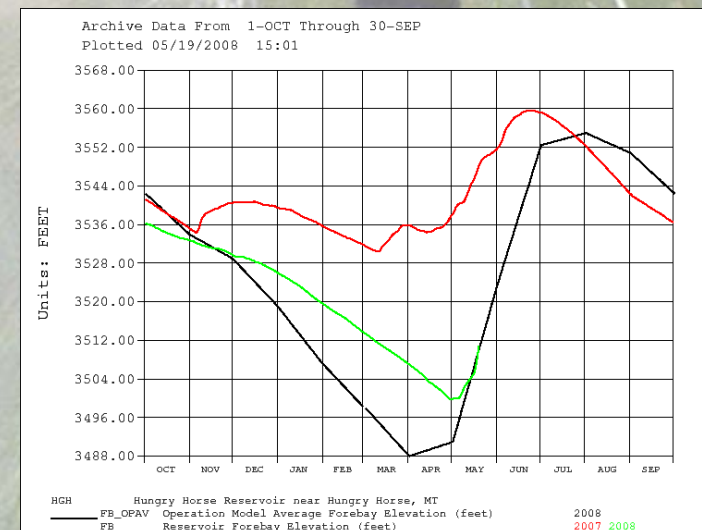
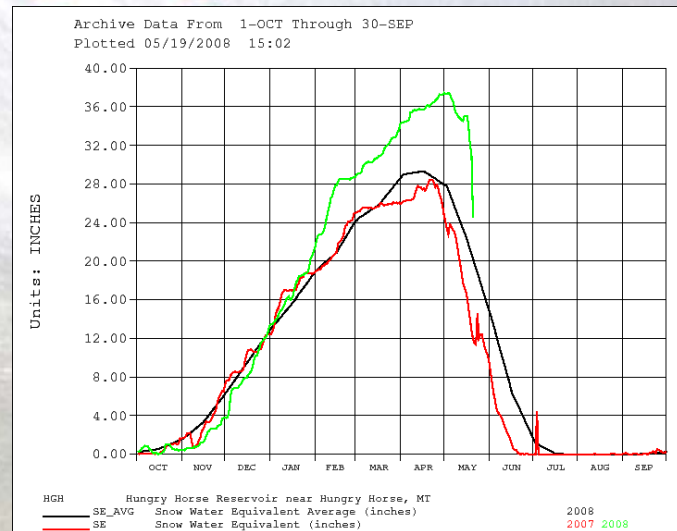
### Hungry Horse Reservoir

**Snowpack @ 150% of average**

**Storage @ 105% of average & 74% full**

**Releasing about 370 cfs to river to provide flood control**

**Plan to fill Hungry Horse by the end of June**



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